

# ARGONNE NATIONAL LABORATORY

## INTRA-LABORATORY MEMO

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January 28, 2004

TO: A. Boron, J. Carwardine, R. Emerson, M. Fagan, N. Friedman, J. Hawkins, P. McNamara, V. Nguyen, J. Servino, S. Ross

SUBJECT: Generation-3 Meeting Minutes for January 28, 2004

Absent: J. Carwardine, N. Friedman, S. Ross, J. Hawkins

- There was a discussion regarding where the 16u will be mounted.
  - It will be mounted on top of the hutches.
  - There is concern with mounting these on top of the hutches due to safety reasons. It need to be mounted somewhere where it will be accessible and maintainable.
  - Roy stated that he would like Phil and himself to be included in the meetings that are held regarding decisions on where components are going to be placed.
  - Roy would like to meet with Mohan and Phil regarding this matter.
- Roy reminded everyone about the Mode Shutter and Kirk Keys Presentation this Friday.
  - Roy mentioned that he would be bringing the issue with the 16u up in this meeting to discuss with the review committee.
- Lab Prototype
  - Anne, Van, John S., and Roy need to get together next week, possibly Tuesday at 9:00am to discuss the documents for the lab prototype.
- Requirement Document
  - If John C. approves the documents, it will be submitted as "Final" to the committee. Roy will follow-up.
- I/O Lists are final.
  - APS Key will be in Chain C. The reason is that it is a toggle.
  - The outputs were missing, however, they are in there now.
- Building
  - Building is not expected to begin by the earliest the end of March. It is expected that things will be moving slow.
- Field Cabling
  - Roy would like to get away from using 22 pair and instead use colored wires.

- Misc.
  - Terminal Block
    - Roy would also like to have a Terminal Block and not use solenoids. 20-gauge wire is adequate.
  - Power Distribution
    - Roy would like to see the power distribution off the top of the mezzanine to be increased to 12 gauge.
    - The group would like to go over the power issue at a later date.
      - Possible have an improvement review in August?